

Universität Potsdam
Fachgruppe Dysphagie & Swallowing Research Lab
laden ein zu einem



Gastvortrag

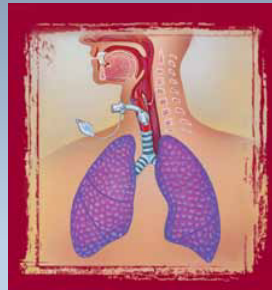
am 24. März 2014
17.00 Uhr

Roxann Diez Gross

The Children's Institute
University of Pittsburgh

Linda Dean

Passy-Muir Inc.



Sie sind herzlich eingeladen !

Eine Veranstaltung gefördert durch

servona
Medizintechnik plus!



P.A.N. ZENTRUM
FÜR POST-ACUTE NEUROREHABILITATION
AN DER UNIVERSITÄT POTSDAM
EINE EINKEITLICHE ZENTRALE VERBUNDENHEIT

Passy-Muir Inc.
Tracheostomy & Ventilator
Swallowing and Speaking Valves



**Breathing and Swallowing:
Translating Research into Clinical Practice
Presenter: Dr. Roxann Diez Gross**

Research revealed that humans exhibit a preferred breathing and swallowing pattern. Recent findings show a specific lung volume range for swallowing. These variables are explicitly coupled with airway pressures and respiratory system recoil. Integrating research findings into clinical practice may provide the 'missing link' for many patients with dysphagia. At the end of the lecture, attendees will be able to describe respiratory system effects on swallowing function, identify impaired breathing and swallowing patterns, and begin to use the research evidence as part of their treatment for dysphagia for specific populations, including tracheostomized and ventilator patients

**Passy-Muir Valve Placement for Mechanically-Ventilated Patients
Presenter: Linda Dean**

Passy-Muir® Swallowing and Speaking Valves provide several clinical benefits including voicing, secretion management, reducing aspiration risk, and expediting weaning and decannulation. Mechanical ventilation is designed to be a closed system; incorporating the Passy-Muir Valve creates an open system requiring adjustments to maintain adequate ventilation. In addition to reviewing the benefits of the Passy-Muir Valve for the ventilator patient, this lecture will present common ventilator terminology, including modes, settings used, monitored values and alarms. Using a mechanically ventilated teaching manikin as a simulated patient, the presenter will demonstrate a team approach to assessment and placement of the valve with the ventilator patient, including ventilator adjustments and treatment strategies.



Roxann Diez Gross, PhD, CCC-SLP

is a leading expert, accomplished researcher, and frequently invited international lecturer on dysphagia and the management of tracheostomy and ventilator dependent patients. Prior to becoming the Director of Research at The Children's Institute, she was the Director of the Swallowing Disorders Center at the University of Pittsburgh Medical Center as well as an Assistant Professor of Otolaryngology in the School of Medicine. She is now an adjunct Assistant Professor in the Department of Communication Science and Disorders at the University of Pittsburgh. She has published several scientific papers and clinical book chapters. Her primary area of research examines interactions between breathing and swallowing in individuals with indwelling tracheostomy tubes, neurologic impairments and respiratory disease.



Linda K. Dean, RRT

has over 25 years of experience as a respiratory care practitioner in the acute, sub-acute, and long term care settings. She has been a clinical educator for Passy-Muir Inc. since 1997 and is the lead Clinical Specialists for mechanical ventilation.

Linda's extensive knowledge of respiratory mechanics, as well as her remarkable teaching skills, makes her an extremely effective instructor. She has over 15 years of experience lecturing on ventilator use of the Passy-Muir® Valve in multiple venues throughout the United States, Canada, Thailand, and Vietnam.

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